

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph 0020 on page 5 with the following amended paragraph:

-- Figure 4 depicts the predicted membrane-binding cap of FAAH; the sequence below Panel A represents SEQ ID NO: 2, a generalized representation of residues 404-433 of SEQ ID NO: 1, with the hydrophilic residues at positions 409, 412, 415, 416, 419, 423, and ~~429~~ 427 of SEQ ID NO: 1 being denoted by "x" for purposes of illustrating the positioning of the hydrophilic residues in this region. --

Please replace paragraph 0053 beginning on page 20 with the following amended paragraph:

-- Figure 4 depicts the predicted membrane-binding cap of FAAH. (A) The hydrophobic helices $\alpha 18$ and $\alpha 19$ that comprise the putative membrane-binding cap are shown in green. The primary sequence of this domain (shown in SEQ ID NO: 2, which represents residues 404-433 of SEQ ID NO: 1) is indicated using amino acid one letter code (29) except for hydrophilic amino acids, which are indicated by x. Five of these seven hydrophilic residues are arginine or lysine; the remaining two are serines. (B) The molecular surface of FAAH viewed from the membrane face; the observed structure demonstrates the presence of a hydrophobic cap (*top, green*), surrounded primarily by positive electrostatic potential (*bottom; blue, basic; red, acidic*). The entrance to the active site from the membrane face is indicated, as are arginine 486 and aspartate 403, which form one side of this access port. --

Please replace the Sequence Listing with the Substitute Sequence Listing submitted herewith on paper and in Computer Readable Form.